Cyrel Digang

Mandaluyong Philippines | digangc@gmail.com | linkedin.com/in/digang | github.com/CyrelDigang |
09927418925

EDUCATION

Polytechnic University of the Philippines Manila, Philippines
Bachelor of Science in Computer Science, *GWA: 1.35* September 17, 2025
Magna Cum Laude

THESIS

iSmishU: Smishing Detection System for Code-mixed Messages Using Transfer Learning of XLM-RoBERTa *Achievement:* Finalist in the 4th PUP Research Pitching Competition
Role: **Writer and Tool Developer**

A smishing detection system tailored to Taglish, leveraging XLM-RoBERTa, a multilingual language model known for its ability to analyze message content. By incorporating both text analysis of the fine-tuned XLM-RoBERTa and URL verification through the VirusTotal API, the system aims to detect smishing messages, or "ham" (non-smishing) messages, with high accuracy.

EXPERIENCE

QX Information Technology Corp. August – September, 2024
Position: Intern

I test, review, and identify bugs in the company's software product. I also attend client meetings and create reports based on those discussions. Additionally, I handle front-end programming tasks for the company's product website.

PROJECTS

Music Sound Feature Prediction
Role: **Programmer/Developer**

This project explores the prediction and visualization of music sound features using a dataset sourced from "Spotify". It applies data analysis and machine learning techniques to identify patterns in audio characteristics such as tempo, energy, danceability, and more.

SmartStore
Role: **Programmer/Developer**

SmartStore is an innovative inventory management system tailored for gadget store owners. With its comprehensive functionality, SmartStore facilitates the essential CRUD (Create, Read, Update, Delete) operations seamlessly. Owners can effortlessly add, modify, and locate information while effectively monitoring stock levels. Developed using Java programming language and powered by MariaDB.

CVuild
Role: **Programmer/Developer**

CVuild simplifies resume building with its user-friendly platform. Users input their details or answer questions, and the software generates a polished resume in the Harvard and Goldman Sachs template style. Developed in Java and powered by MariaDB.

ORGANIZATIONS

Google Developer Student Club - PUP   **Member**
Software Development Team   2023-2024

Google Developer Student Clubs are university-based community groups for students interested in Google developer technologies.

SKILLS & INTERESTS

Technical: Programming in C, Java and Python, Web development, MySQL and MariaDB
Language: Proficient in Filipino and English
Interests: Software Development, Database Management, Data Science, AI, NLP and Machine Learning